

What is Claimed:

1. A method for initializing transceivers to establish a communication link between the transceivers comprising:

providing at least one predetermined parameter value, having an associated first data rate, that approximates at least one corresponding actual parameter value of the communication link;

establishing a data communication link between the transceivers using the at least one predetermined parameter value as an approximation of the at least one actual parameter value of the communication link to allow transmission of data between the transceivers at the first data rate;

determining the actual parameter value, associated with a second data rate, corresponding to the at least one predetermined parameter value after establishing the data communication link using the predetermined parameter value; and

seamlessly adapting the first data rate of the established communication link to the second data rate.

2. A system that initializes transceivers to establish a communication link comprising:

means for providing at least one predetermined parameter value, having an associated first data rate, that approximates at least one corresponding actual parameter value of the communication link;

means for establishing a data communication link between the transceivers using the at least one predetermined parameter value as an approximation of the at least one actual parameter value of the communication link to allow transmission of data between the transceivers at the first data rate;

means for determining the actual parameter value, associated with a second data rate, corresponding to the at least one predetermined parameter value after establishing the data communication link using the predetermined parameter value; and

means for seamlessly transitioning from the first data rate of the established communication link to the second data rate.